

Message Text

UNCLASSIFIED

PAGE 01 MOSCOW 08368 131333Z

ACTION OES-07

INFO OCT-01 EUR-12 ISO-00 L-03 NSF-02 COME-00 INT-05

FPC-01 ACDA-10 CIAE-00 INR-07 IO-14 NSAE-00

NSC-05 EB-07 NRC-07 FEAE-00 DODE-00 ERDA-07 SS-15

SP-02 /105 W

-----131341Z 048440 /46

R 131300Z JUN 77

FM AMEMBASSY MOSCOW

TO SECSTATE WASHDC 8602

INFO AMCONSUL LENINGRAD

UNCLAS MOSCOW 8368

E.O. 11652: N/A

TAGS: TGEN, ENRG., 74, US

SUBJECT: US-USSR ENERGY AGREEMENT: HYDROELECTRIC: COLD WEATHER
CONSTRUCTION (08.020201): DELEGATION VISIT

REFS: (A) STATE 103207 AND PREVIOUS, (B) MOSCOW 7010

1. DELEGATION HEAD BROWN FOUND THE ATMOSPHERE MUCH MORE OPEN THAN ON PAST VISITS, AND HE WAS PARTICULARLY PLEASED THAT SOVIETS ON ONE OCCASION IMPLICITLY ADMITTED DESIGN FAULTS IN THEIR HYDROELECTRIC DAM CONSTRUCTION. (U.S. SEMINAR PRESENTATIONS INCLUDED A PAPER WITH SLIDES ON A DAM FAILURE IN THE U.S. FOLLOWED BY DISCUSSION OF PROBABLE CAUSES.) SOVIET TECHNICAL-LEVEL HOSTS, THE MINISTRY OF POWER AND ELECTRIFICATION, COULD NOT HAVE BEEN NICER TO THE U.S. DELEGATION. THE TWO-WEEK VISIT WAS MARRED ONLY BY MFA'S REFUSAL OF TRAVEL PERMISSION FOR THE EMBASSY OFFICER DESIGNATED AS A MEMBER OF THE DELEGATION DESPITE INTERVENTION BY BOTH MINISTRY AND SCST (REF B).

2. TRAVEL INCLUDED ON-SITE VISITS TO TWO HYDROELECTRIC STATIONS IN SIBERIA (SAYANO-SHUSHENSK AND KRASNOYARSK) AND INSPECTION OF THE GALLERIES OF ONE OF THE DAMS. THE DELEGA-
UNCLASSIFIED

UNCLASSIFIED

PAGE 02 MOSCOW 08368 131333Z

TION TOOK PART IN TECHNICAL SEMINARS AT RESEARCH INSTITUTES IN BOTH MOSCOW AND LENINGRAD. AGREEMENT WAS EASILY REACHED ON THE CONTENT OF THE "PROTOCOL" ABOUT THE VISIT AND FUTURE ACTIVITIES.

3. ARRANGEMENTS PLANNED FOR 1977-78 INCLUDE PROPOSALS TO INSTRUMENT ONE EARTH DAM IN THE U.S. AND ONE CONCRETE DAM

IN THE USSR AND TO INVITE SOVIET SPECIALISTS TO PARTICIPATE
IN THE CONFERENCE ON COLD REGIONS ENGINEERING, SPONSORED
BY THE AMERICAN SOCIETY OF CIVIL ENGINEERS AND TO BE HELD
IN ANCHORAGE MAY 17-19, 1978. U.S. AND SOVIET EXPERTS ARE
NOW CONSIDERING THE DEVELOPMENT OF JOINT STUDIES TO MAKE
USE OF THE HANGING-STYLE CENTRIFUGE AT THE SCIENTIFIC
RESEARCH CENTER AT "HYDROPROJECT" INSTITUTE IN MOSCOW.
(PROFESSOR M.E. HARR IS TO LOOK INTO THIS FURTHER IN LATE
JUNE WHEN HE AND W.C. SHERMAN VISIT UNDER ACTIVITY 10.05,
BUILDING FOR EXTREME CLIMATES.) ALSO AT THE DISCUSSION STAGE
IS USE OF THE VEDENEYEV ALL-UNION RESEARCH INSTITUTE OF
HYDROTECHNICS IN LENINGRAD FOR TURBINE TESTING AND
THE TESTING OF 1,100 DAM MODELS.

4. SEMINARS AND SITE VISITS CONFIRMED THAT SOVIETS ARE
CONSIDERABLY IN ADVANCE OF U.S. IN TECHNIQUES FOR CONCRETE
AND DAM CONSTRUCTION UNDER EXTREMELY COLD WEATHER CONDITIONS.
U.S. DELEGATION BELIEVES SOVIET EXPERIENCE WILL BE RELEVANT
AND USEFUL AS U.S. GOES FORWARD WITH PROJECTS UNDER SIMILAR
CONDITIONS.
MATLOCK

UNCLASSIFIED

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: ENERGY, AGREEMENTS, SCIENTIFIC VISITS, SCIENTIFIC MEETINGS, MEETING DELEGATIONS, HYDROELECTRIC POWER PLANTS
Control Number: n/a
Copy: SINGLE
Sent Date: 13-Jun-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01-Jan-1960 12:00:00 am
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977MOSCOW08368
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D770210-0296
Format: TEL
From: MOSCOW
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19770663/aaaacd1v.tel
Line Count: 83
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 052e4f7e-c288-dd11-92da-001cc4696bcc
Office: ACTION OES
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: 77 STATE 103207, 77 MOSCOW 7010
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 22-Oct-2004 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 2176923
Secure: OPEN
Status: NATIVE
Subject: US-USSR ENERGY AGREEMENT: HYDROELECTRIC: COLD WEATHER CONSTRUCTION (08.020201): DELEGATION VISIT
TAGS: TGEN, ENRG, UR, US
To: STATE
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/052e4f7e-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009